Using SkookumLogger 2T2R Mode

About 2T2R Mode

Skookumlogger has sophisticated support for contesting with two radios. That support is largely designed by Katsuhiro, JH5GHM.

Each of the two radios may be in either Run mode or Pounce mode, yielding three 2T2R configurations: both in Run, one in Run and the other in Pounce, or both in Pounce. Skookumlogger automatically determines which configuration is active when it needs to react to user input. You choose the radio mode with the **Toggle Submode** commands on the **Radio 1** and **Radio 2** menus. When a radio is in Pounce mode, a yellow gumdrop is shown in the QSO entry box:

The red gumdrop indicates that the radio has transmit focus, and the green gumdrop indicates that you are listening to that radio. When a message is transmitting, the color of the radio mode text (CW in the example) changes to blue if CQing, otherwise red, or orange if there is another message in the queue.

The **2T2R** menu has two commands, **Automatically Enable Alternating CQ** and **Enable 2BSIQ Audio Routing** that also affect how SkookumLogger reacts to user input. The following sections concisely describe what happens for the three configurations and these enable choices.

Both radios in Run

Practice mode supports this configuration.

Alternating CQ and 2BSIQ Both Off

Provides the basic "SO2R" environment.

- ◆ When tapping F1, CQ is sent at radio which has transmitting focus
- ◆ Other messages except for defend are sent at radio which has keyboard focus
- ◆ Ongoing CQ is not interrupted by keyboard focus
- ◆ Any message including CQ is interrupted by transmitting focus (even for the same radio)
- ◆ Message including CQ is always queued, not interrupt ongoing message regardless of which radio to transmit
- ◆ Transmit focus except for CQ follows keyboard focus when transmitting
- ◆ **Defend** message is sent to different radio which has keyboard focus and transmitting focus moves to different radio
- ◆ When enabling keyboard mode, transmit focus follows keyboard focus
- ◆ Always follows audio routing setting

Alternating CQ On and 2BSIQ Off

Provides the basic environment for 2BSIQ with no special audio routing.

✦ When tapping F1, CQ is sent at different radio which has transmitting focus and transmitting focus moves to different radio

✦ Other messages except for **Defend** are sent at radio which has keyboard focus

✦ Next CQ at different radio starts immediately after the end of non-interrupted CQ and transmitting focus moves to different radio

✦ Next CQ at different radio starts immediately after the end of either of End QSO or Short Acknowledge and transmitting focus moves to different radio

✦ Ongoing CQ is interrupted by sending message at the same radio (not at different radio, but following CQ does not happen)

✦ Ongoing CQ is not interrupted by keyboard focus, but following CQ does not happen regardless of which keyboard is focused

✦ Any message including CQ is interrupted by transmitting focus (even for the same radio)

✦ Message including CQ is always queued, not interrupt ongoing message regardless of which radio to transmit

✦ **Defend** message is sent to different radio which has keyboard focus and transmitting focus moves to different radio

✦ When enabling keyboard mode, transmit focus follows keyboard focus

✦ Always follows audio routing setting

ALTERNATING CQ OFF AND 2BSIQ ON

Provides the environment for SO2R running with special audio routing.

✦ When tapping F1, CQ is sent at radio which has keyboard focus and transmit focus follows keyboard focus

✦ Other messages except for **Defend** are sent at radio which has keyboard focus

✦ Ongoing CQ is not interrupted by keyboard focus

✦ Any message including CQ is interrupted by transmitting focus (even for the same radio)

✦ Message including CQ is always queued, not interrupt ongoing message regardless of which radio to transmit

✦ **Defend** message is sent to different radio which has keyboard focus and transmitting focus moves to different radio

✦ When enabling keyboard mode, transmit focus follows keyboard focus

✦ Follows audio routing setting except, when not transmitting:

    ✦ Tapping ESC listens to both radios

    ✦ Focus radio 1 when radio 1 has keyboard focus listens to radio 1

    ✦ Focus radio 2 when listening to radio 1 listens to both radios (radio 2 now has also focus)

    ✦ Focus radio 2 when radio 2 has keyboard focus listens to radio 2

    ✦ Focus radio 1 when listening to radio 2 listens to both radios (radio 1 now has also focus)

USING SKOOKUMLOGGER 2T2R MODE

ALTERNATING CQ AND 2BSIQ BOTH ON

The most advanced environment for 2BSIQ including special audio routing.

✦ When tapping F1, CQ is sent at different radio which has transmitting focus and transmitting focus moves to different radio

✦ Other messages except for **Defend** are sent at radio which has keyboard focus

✦ Next CQ at different radio starts immediately after the end of non-interrupted CQ and transmitting focus moves to different radio

✦ Next CQ at different radio starts immediately after the end of either of **End QSO** or **Short Acknowledge** and transmitting focus moves to different radio

✦ Ongoing CQ is interrupted by sending message at the same radio (not at different radio, but following CQ does not happen)

✦ Ongoing CQ is not interrupted by keyboard focus, but following CQ does not happen regardless of which keyboard is focused

✦ Any message including CQ is interrupted by transmitting focus (even for the same radio)

✦ message including CQ is always queued, not interrupt ongoing message regardless of which radio to transmit

✦ **Defend** message is sent to different radio which has keyboard focus and transmitting focus moves to different radio

✦ When enabling keyboard mode, transmit focus follows keyboard focus

✦ Follows audio routing setting except, when not transmitting:

  ✦ Tapping ESC listens to both radios

  ✦ Focus radio 1 when radio 1 has keyboard focus listens to radio 1

  ✦ Focus radio 2 when listening to radio 1 listens to both radios (radio 2 now has also focused)

  ✦ Focus radio 2 when radio 2 has keyboard focus listens to radio 2

  ✦ Focus radio 1 when listening to radio 2 listens to both radios (radio 1 now has also focused)

ONE RADIO IN RUN AND THE OTHER RADIO IN POUNCE

In this configuration, the Alternating CQ preference determines whether or not Beacon CQ is used on the Run radio.

2BSIQ OFF

Provides the basic environment for SO2R run&pounce.

✦ When tapping F1, CQ is sent at radio which has transmitting focus

✦ All messages are sent at radio which has keyboard focus

✦ Any message including CQ is interrupted by transmitting focus (even for the same radio)

✦ Message including CQ to the same radio is queued, but interrupt ongoing message to the different radio

✦ Ongoing CQ is not interrupted by keyboard focus

✦ Transmit focus except for CQ follows keyboard focus when transmitting

✦ **Defend** message is sent to different radio which has keyboard focus

✦ When enabling keyboard mode, transmit focus follows keyboard focus

✦ Always follows audio routing setting

ALTERNATING CQ OFF AND 2BSIQ ON

Provides advanced environment as SO2R run&pounce with special audio routing.

✦ Transmit focus always follows keyboard focus

✦ All messages except for **Defend** are sent at radio which has keyboard focus

✦ When tapping F1, CQ is sent at radio which has transmitting focus

✦ Any message including CQ is interrupted by transmitting focus (even for the same radio)

✦ Message including CQ to the same radio or run radio is queued, but message to the pounce radio interrupt ongoing message

✦ Ongoing CQ is not interrupted by keyboard focus

✦ Transmit focus moves to ponce while transmitting and tapping ESC

✦ **Defend** message is sent to different radio which has keyboard focus

✦ Follows audio routing setting except, when not transmitting:

　✦ Tapping ESC listens to both radios

　✦ Focus radio 1 when radio 1 has keyboard focus listens to radio 1

　✦ Focus radio 2 when listening to radio 1 listens to both radios (radio 2 now has also focused)

　✦ Focus radio 2 when radio 2 has keyboard focus listens to radio 2

　✦ Focus radio 1 when listening to radio 2 listens to both radios (radio 1 now has also focused)

ALTERNATING CQ AND 2BSIQ BOTH ON

Provides more advanced environment as SO2R run&pounce with special audio routing.

✦ Transmit focus always follows keyboard focus

✦ All messages except for **Defend** are sent at radio which has keyboard focus

✦ When tapping F1, CQ is sent at run radio and transmitting focus moves to run radio

✦ Next CQ at run radio starts at specified delay time after the end of non-interrupted CQ

✦ Next CQ at run radio starts at specified delay time after the end of either of End QSO or Short Acknowledge

✦ Any message including CQ is interrupted by transmitting focus (even for the same radio)

✦ Message including CQ to the same radio or run radio is queued, but message to the pounce radio interrupt ongoing message

✦ Ongoing CQ is not interrupted by keyboard focus

✦ Transmit focus moves to ponce while transmitting and tapping ESC

✦ **Defend** message is sent to different radio which has keyboard focus

✦ Follows audio routing setting except, when not transmitting:

  ✦ Tapping ESC listens to both radios

  ✦ Focus radio 1 when radio 1 has keyboard focus listens to radio 1

  ✦ Focus radio 2 when listening to radio 1 listens to both radios (radio 2 now has also focused)

  ✦ Focus radio 2 when radio 2 has keyboard focus listens to radio 2

  ✦ Focus radio 1 when listening to radio 2 listens to both radios (radio 1 now has also focused)

BOTH RADIOS IN POUNCE

In this configuration, you can send CQ messages, but neither of Beacon CQ or Alternating CQ is applicable.

2BSIQ OFF

Provides the basic environment for SO2R pounce&pounce.

✦ When tapping F1, CQ is sent at radio which has transmitting focus

✦ All messages are sent at radio which has keyboard focus

✦ Any message including CQ is queued

✦ Ongoing CQ is not interrupted by keyboard focus

✦ Transmit focus except for CQ follows keyboard focus when transmitting

✦ **Defend** message is sent to different radio which has keyboard focus

✦ When enabling keyboard mode, transmit focus follows keyboard focus

✦ Always follows audio routing setting

2BSIQ ON

Provides the basic environment for SO2R pounce&pounce based with special audio routing

✦ When tapping F1, CQ is sent at radio which has transmitting focus

✦ All messages are sent at radio which has keyboard focus

✦ Any message including CQ is queued

✦ Ongoing CQ is not interrupted by keyboard focus

✦ Transmit focus except for CQ follows keyboard focus when transmitting

✦ **Defend** message is sent to different radio which has keyboard focus

✦ When enabling keyboard mode, transmit focus follows keyboard focus

✦ Follows audio routing setting except, when not transmitting:

  ✦ Tapping ESC listens to both radios

  ✦ Focus radio 1 when radio 1 has keyboard focus listens to radio 1

- ✦ Focus radio 2 when listening to radio 1 listens to both radios (radio 2 now has also focused)
- ✦ Focus radio 2 when radio 2 has keyboard focus listens to radio 2
- ✦ Focus radio 1 when listening to radio 2 listens to both radios (radio 1 now has also focused)